Complete if Known

Cubetih	Substitute for Form 1440A/DTO			Complete it Arlown					
Substitute for Form 1449A/PTO				Applic	ation Number	< <b>I</b> orBe Assigned	+ 10	1712,086	
INFORMATION DISCLOSURE				Filing Date Herewith 11/13		2003			
				First Named Inventor		Kazuhisa Yamamoto, et al.			
STATEMENT BY APPLICANT				Art Unit To Be Assigned		. 2	813		
(Use as many sheets as necessary)					Examiner Name ToBe Assigned Colleen Rodger			ors	
t		CUEET	1 -4 2	-	ey Docket No.	YAO-3750US2		1100/1 1-000	<u> </u>
		SHEET		<u></u>	OCUMENTS	<del></del>			
	T	Document Number	<u> </u>		COMENTS				
Examiner Initials*	Cite No.1	Number - Kind Code <sup>2</sup> (if known)	I .			e of Patentee or		Pages, Columns, Lines, Where Relevant Passages or Relevant	
	NO.	<del> </del>	<u></u>			of Cited Document		Figures Appear	
Ce)		US-5,452,312 US-5,295,218	09-19-1995 Yamamoto		, et al.				
GP.		US-5,113,524	03-1994 05-1992		Agostinelli Hirota				
CE		US-4,907,238	03-1990			<del></del>			
CE	<b></b> -	US-4,667,331	05-1987		Alferness	Chun		<u> </u>	
EP)		US-5,614,961	03-1997		Gibeau				-
(CP)		US-4,665,529	05-12-198	37	Baer, et al.				
60		US-5,036,220	07-30-199		Byer, et al.				
(E)		US-5,303,247 04-12-199			Yamamoto				
		<del></del>			DOCUMEN				$\dashv$
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5 (If known)</sup>			olication Date	Name of Pate Applicant of Docume	f Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant	T6
CD		JP 6-18823 U		<del></del>	11-1994	Docume	<u> </u>	Figures Appear	1
(e)		JP 08-194196			30-1996	Fujitsu, Ltd.		<del> </del>	무
Ce		JP 2-199975		_	08-1990	Sony Corp.		<del></del>	
GE)		JP 2-221995			04-1990	Sony Corp.			님
æ		JP 3-191332			21-91	Matsushita Ele Co., Ltd.	ec. Ind.		旹
(P)		JP 3-38984		02-	20-91	Pioneer Electr Corp.	onic		
(P)		JP 4-100088		04-	02-92	Sony Corp.			
<b>P</b>		JP 4-18823		02-	17-92	Asahi Glass Co	0.,		
@		JP 4-296731		10-	21-92	Matsushita Ele Co., Ltd.	ec. Ind.		
œ		JP 4-315120		11-	6-92	Matsushita Elec. Ind. Co., Ltd.		·	
(CP)		JP 4-45478			4-92				
Ø		JP 4-507299		12-	17-92	Board of Trust Leland Stanfor Univ.	ees of rd Jr.		
(E)	٠.	JP 5-107421		4-3	0-93	Fujitsu, Ltd.		<del> </del>	
æ		JP 5-173094			3-93	Matsushita Elec. Ind. Co., Ltd.			
		(**continued on page 2**)		+		CU., LLU.			
	· · · · · ·							<u> </u>	لب
Examiner Signature	C	olleer & CRober	۔۔			Date	Sidered	09/16/05	<del></del>

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

'Applicant's unique citation designation number (optional).

'See Kind Codes of USPTO Patent Documents at <a href="http://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

'Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

'Applicant is to place a check mark here if English language translation is attached.

The collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

ADDRESS. SEND T: Commissioner for Patents, P. . Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for Form 1449A/PTO				Complete if Known						
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number Filing Date First Named Inventor		10 Be 7	ssigned 10	712086		
						-Herewi	f	11/13/03		
						Kazuhisa Yamamoto, et al.				
		se as many sheets as necessary)		Art Unit		To Be A	ssigned			
			Ī	Examiner Name		To Be Assigned				
		SHEET 2	of 3	Attorne	ey Docket No.	YAO-3750US2				
			U.S. PATE	NT D	OCUMENTS					
		Document Number					Pages, Columns, Line		here	
Examiner Initials*			Publication (MM-DD-Y)			of Patentee or of Cited Document		Relevant Passages or Relevant Figures Appear		
							<u>-</u>			
<del></del>										
		F	OREIGN PA	TEN	DOCUMEN	<u>TS</u>				
Examiner	Cite	Foreign Patent Docume		Pul	olication Date		of Patentee or licant of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant		
Initials*	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind (	Code <sup>3 (II tolowi)</sup>	(MM-DD-YYYY)		Document		Figures Appear	Τ <sup>6</sup>	
CO		JP 5-232536		-	993	<u> </u>				
_0		JP 61-22518			1-86	Sony Corp.				
		JP 6-148444			7-94	Fujitsu Ltd.		<del> </del>	10	
(P)		JP 62-274788			28-87	Spectra -Physics, Inc.				
Œ		JP 6-265956		9-2	2-94	Fuji Photo Film Co., Ltd.				
(R)		JP 6-273814		9-3	0-94	Matsushita Elec. Ind. Co., Ltd.				
œ		JP 6-350168		12-	22-94	Hitachi Metals, Ltd.				
(E)		JP 7-15077		1-1	995	Lu.		<u> </u>		
(CP)		JP 7-23329		—	1-25-95 Mitsubishi Electric Corp.					
		<del></del>								
				<del> </del>		<u> </u>				
				-		<del> </del> -		<del> </del>	口	
		<u> </u>		+			<u></u>	<del> </del>	뮈	
Examiner Signature	C	olleent Ool	_	1			Date Considered	09/16/04	씩	

"Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

dered. Include copy or this form with next communication to Applicant.

1 Applicant's unique citation designation number (optional).

2 See Kind Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

3 Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

6 Actionate is to below 3 check most born if English Industry through the Standard ST.16 if possible.

Substitute for Form 1449B/PTO		Complete if Known				
	L	Application Number	To Be Assigned	10/	712086	
INFORMATION DISCLOS	URE _	Filing Date	Herewith.		1-13-03	
STATEMENT BY APPLICANT		First Named Inventor	Kazuhisa Yamamoto, et al.			
(Use as many sheets as necessary)	L	Art Unit	To Be Assigned			
		Examiner Name	To Be Assigned			
SHEET 3 of 3		Attorney Docket No.	YAO-3750US2			

NON-PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>				
œ		MIZUUCHI, K., et al., "Second-Harmonic Generation of Blue Light in a LiTa0 <sub>3</sub> Waveguide", <u>Applied Physics Letters</u> , Vol. 58, No. 24, pp. 2732-2734 (1991).					
3		International Search Report corresponding to PCT/JP96/01472 dated 10/8/96.					
3		Chinese Office Action dated July 10, 2003.					
Œ		AHLFELDT, H., et al., "Postfabrication Changes and Dependence on Hydrogen Concentration of the Refractive Index of Proton-Exchanged Lithium Tantalate Waveguides", pp. 717-727 (January 15, 1994).					
		·					
<u> </u>							
_		·					
		·					

Examiner		/		
	Coller (Ro	0 —	Date	00/01/00
Signature	colongia		Considered	1 09/2/195
			Considered	

\*EXAMINER: Initial if reference considered, whether or not diation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

'Applicant's unique diation designation number (optional).

'Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND T: Commissioner for Patents, P. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.